

Appendix D - Onsite Dosimeter Measurements and Locations

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Table D-1. Environmental dosimeter measurements at Argonne National Laboratory West (2003).

Location	Exposure ^a
ANL 7	154 ± 11
ANL 8	128 ± 9
ANL 9	148 ± 10
ANL 10	127 ± 9
ANL 11	128 ± 9
ANL 12	124 ± 9
ANL 13	126 ± 9
ANL 14	122 ± 9
ANL 15	154 ± 11
ANL 16	151 ± 11
ANL 17	121 ± 8
ANL 18	149 ± 10

a. All values are in milliroentgen (mR) plus or minus one standard deviation ($\pm 1s$).

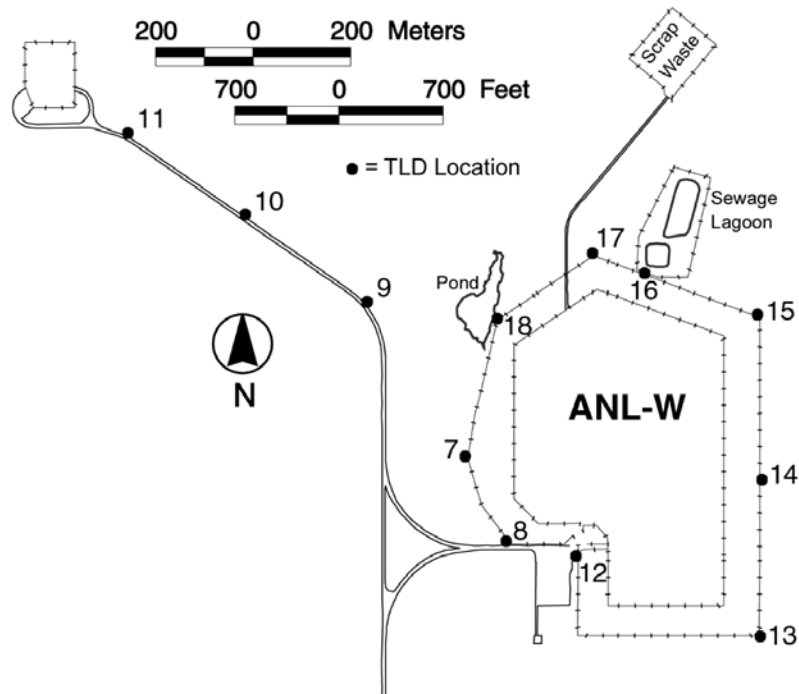


Figure D-1. Environmental dosimeter locations at Argonne National Laboratory West (2003).

Table D-2. Environmental dosimeter measurements at the Auxiliary Reactor Area (2003).

Location	Exposure ^a
ARA 1	148 ± 10
ARA 2	172 ± 12
ARA 3	^b
ARA 4	^b

a. All values are in milliroentgen (mR) plus or minus one standard deviation ($\pm 1s$).
b. These TLD locations were eliminated due to D&D activities.

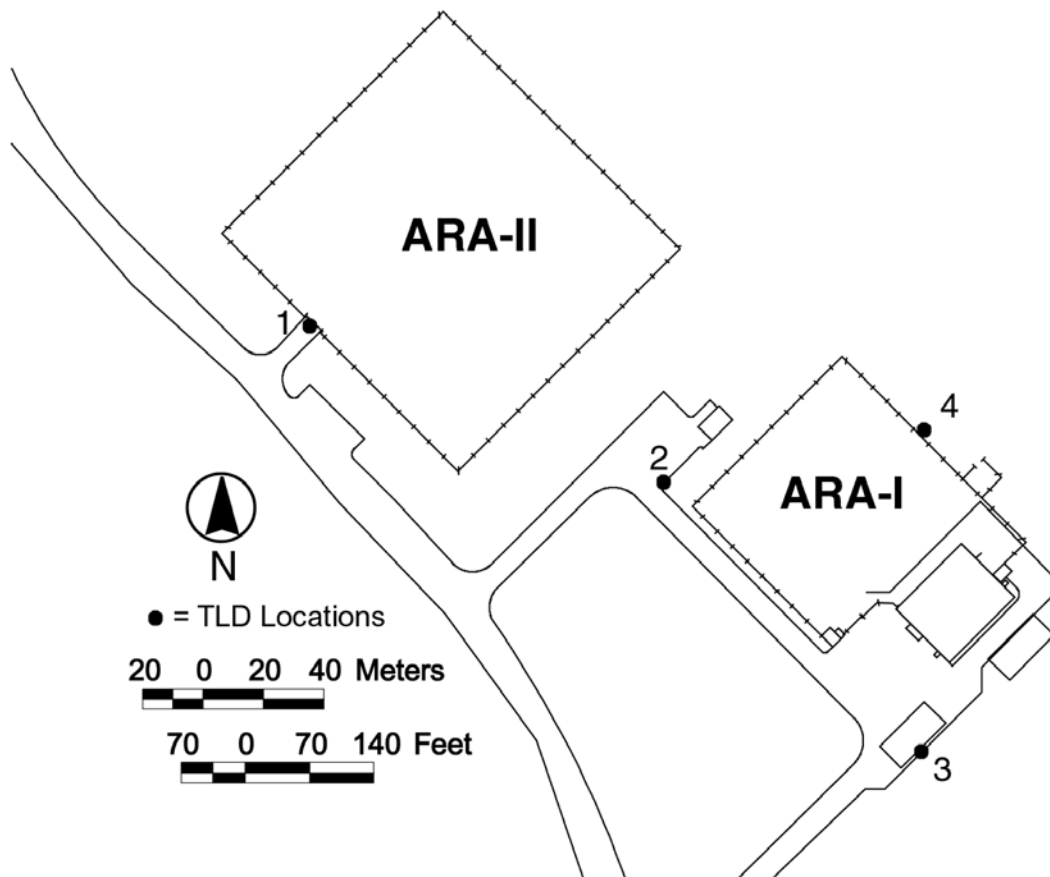


Figure D-2. Environmental dosimeter locations at Auxiliary Reactor Area (2003).

Table D-3. Environmental dosimeter measurements at the Central Facilities Area (2003).

Location	Exposure ^a
CFA 1	132 ± 9
CFA 2	118 ± 8
CFA 3	139 ± 10
CFA 4	124 ± 9

a. All values are in milliroentgen (mR) plus or minus one standard deviation (± 1s).

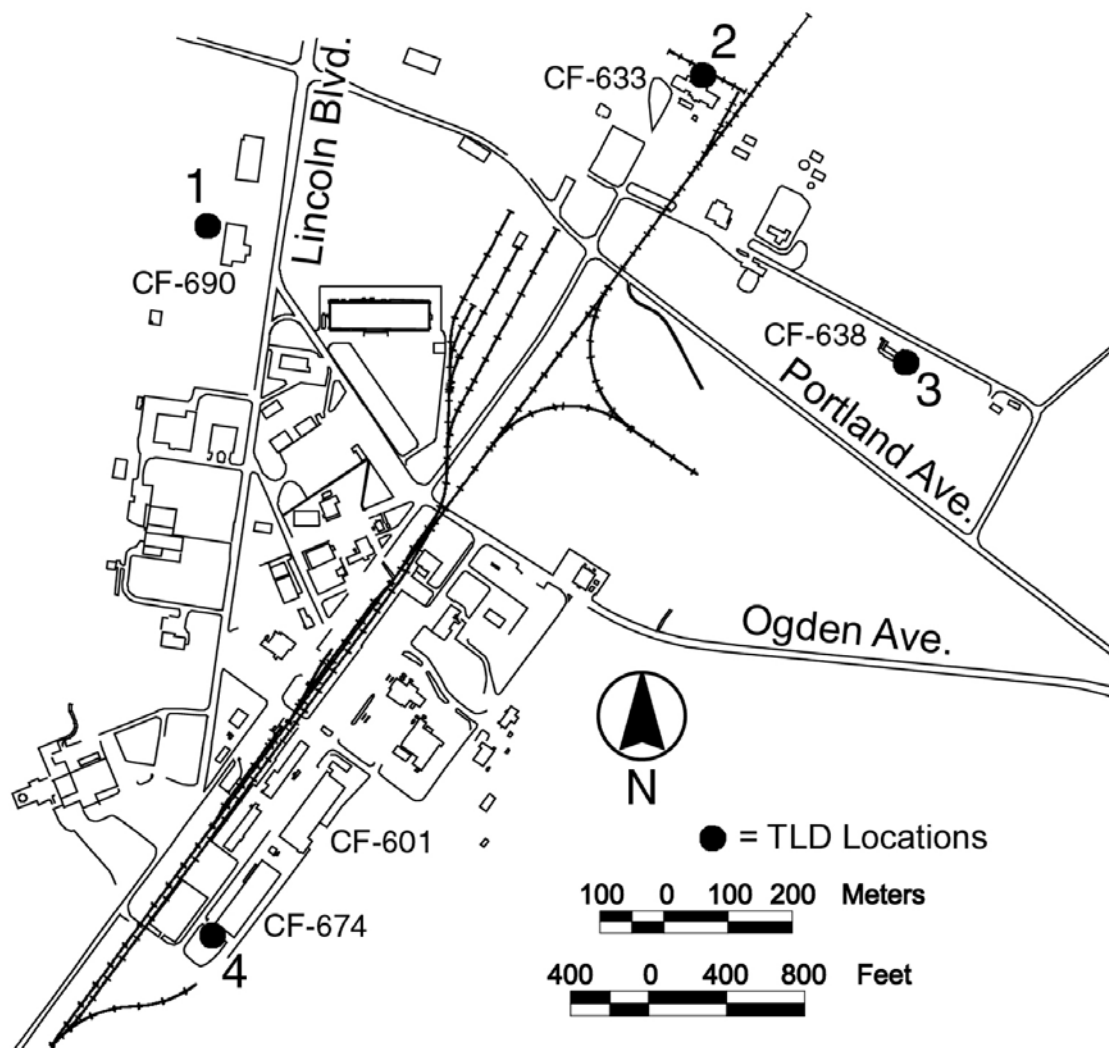


Figure D-3. Environmental dosimeter locations at Central Facilities Area (2003).





Table D-4. Environmental dosimeter measurements at the Idaho Nuclear Technology and Engineering Center (2003).

Location	Exposure ^a
INTEC 1	154 ± 11
INTEC 9	183 ± 13
INTEC 14	139 ± 10
INTEC 15	144 ± 10
INTEC 16	129 ± 9
INTEC 17	132 ± 9
INTEC 18	125 ^b
INTEC 19	139 ± 10
INTEC 20	249 ± 17
INTEC 21	157 ± 11
INTEC 22	186 ± 13
INTEC 23	146 ± 10
INTEC 24	140 ± 10
INTEC 25	124 ± 9
INTEC 26	131 ± 9
TREE FARM 1	191 ± 13
TREE FARM 2	169 ^b
TREE FARM 3	166 ± 12
TREE FARM 4	221 ± 15

- a. All values are in milliroentgen (mR) plus or minus one standard deviation ($\pm 1s$).
- b. Only spring data were collected. This number was doubled to reflect an annual exposure. No error associated with this exposure was determined.

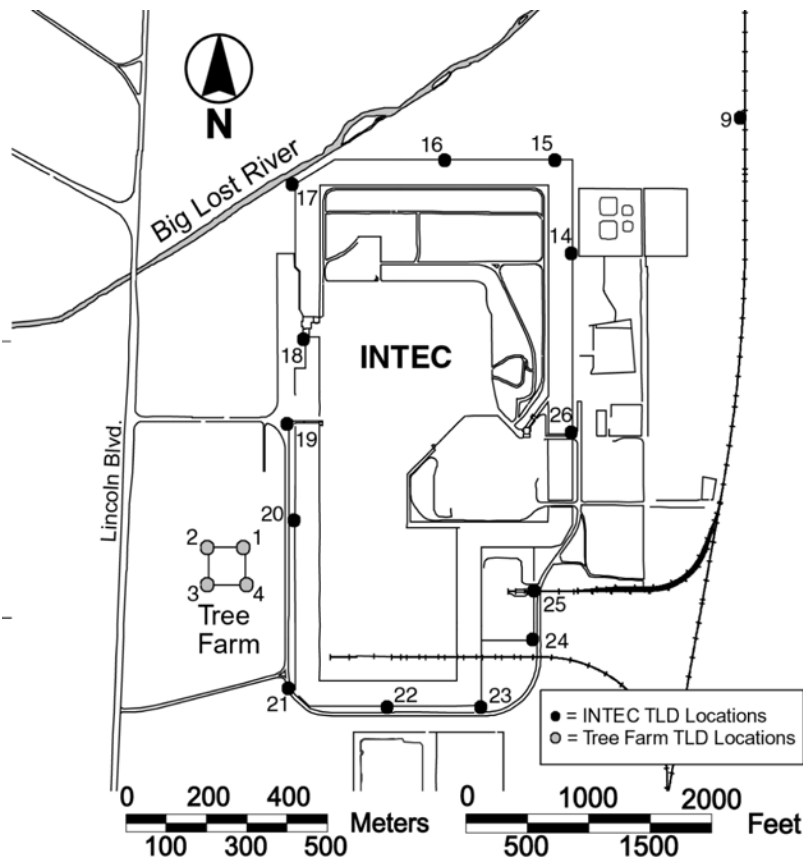


Figure D-4. Environmental dosimeter locations at Idaho Nuclear Technology and Engineering Center (2003).

Table D-5. Environmental dosimeter measurements at the Naval Reactors Facility (2003).

Location	Exposure ^a
NRF 4	131 ± 9
NRF 5	138 ± 10
NRF 11	132 ± 9
NRF 12	135 ± 9
NRF 13	133 ± 9
NRF 16	130 ± 9
NRF 17	136 ^b
NRF 18	133 ± 9
NRF 19	135 ± 9
NRF 20	140 ± 10
NRF 21	147 ^b

a. All values are in milliroentgen (mR) plus or minus one standard deviation (± 1s).

b. Only spring data were collected. This number was doubled to reflect an annual exposure. No error associated with this exposure was determined.

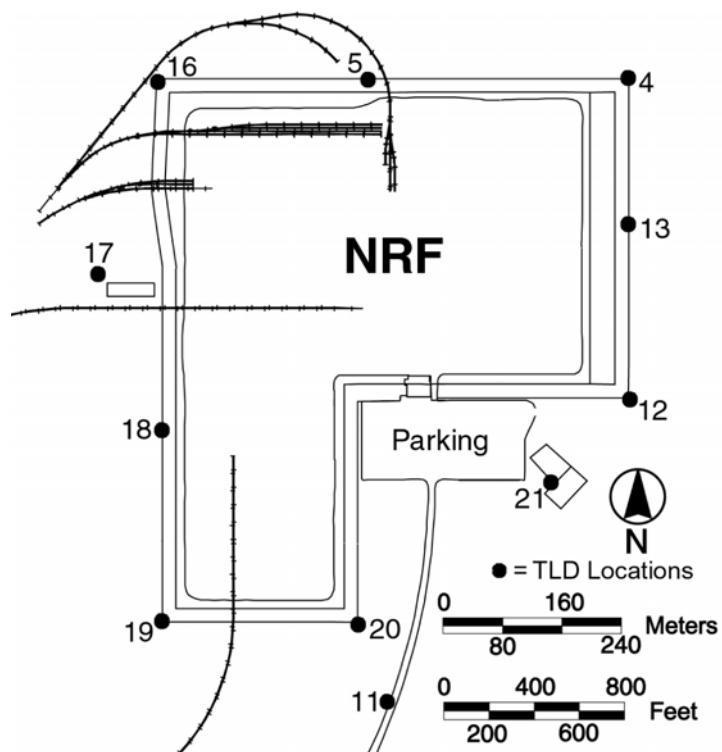


Figure D-5. Environmental dosimeters locations at Naval Reactors Facility (2003).

Table D-6. Environmental dosimeter measurements at the Power Burst Facility (2003).

Location	Exposure ^a
PBF/SPERT 1	133 ± 9
PBF/SPERT 2	128 ± 9
PBF/SPERT 3	134 ± 9
PBF/SPERT 4	149 ± 10
PBF/SPERT 5	138 ± 10
PBF/SPERT 6	141 ± 10
PBF/WERF1	125 ± 8
PBF/WERF2	110 ± 8
PBF/WERF3	123 ± 9
PBF/WERF4	129 ± 9
PBF/WERF5	125 ± 9
PBF/WERF6	133 ^b
PBF/WERF7	131 ± 9

a. All values are in milliroentgen (mR) plus or minus one standard deviation ($\pm 1s$).

b. Only spring data were collected. This number was doubled to reflect an annual exposure. No error associated with this exposure was determined.

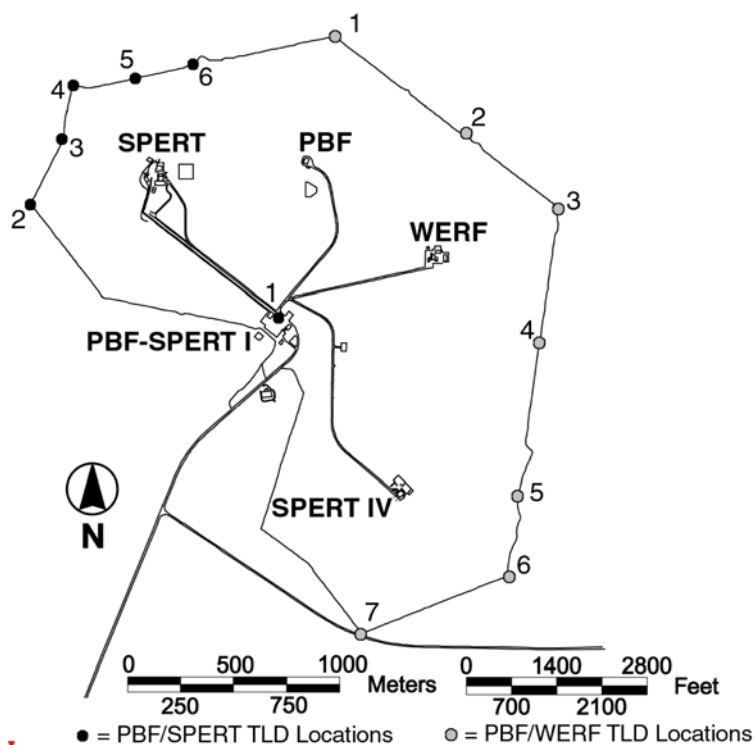


Figure D-6. Environmental dosimeter locations at Power Burst Facility (2003).

Table D-7. Environmental dosimeter measurements at the Radioactive Waste Management Complex (2003).

Location	Exposure ^a
RWMC 3a	138 ± 10
RWMC 5a	138 ± 10
RWMC 7a	147 ± 10
RWMC 9a	154 ± 11
RWMC 11a	148 ± 10
RWMC 13a	131 ± 9
RWMC 15a	129 ± 9
RWMC 17a	128 ± 9
RWMC 19a	128 ± 9
RWMC 21a	140 ± 10
RWMC 23a	135 ± 9
RWMC 25a	147 ± 10
RWMC 27a	180 ± 12
RWMC 29a	193 ± 13
RWMC 31a	134 ± 10
RWMC 37a	127 ± 9
RWMC 39	136 ± 9
RWMC 40	143 ± 10
RWMC 41	318 ± 22
RWMC 42	140 ± 10
RWMC 43	125 ± 9
RWMC 45	131 ± 9
RWMC 46	139 ± 10
RWMC 47	122 ± 9

a. All values are in milliroentgen (mR) plus or minus one standard deviation ($\pm 1s$).

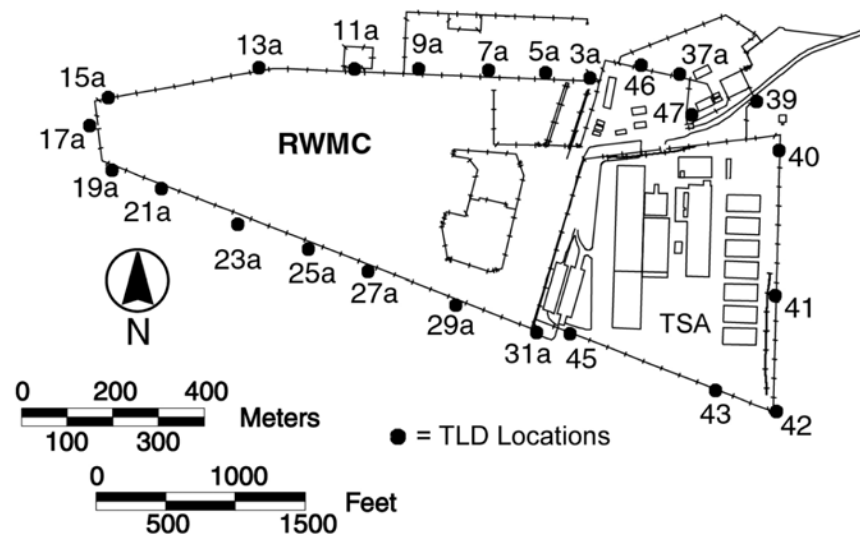


Figure D-7. Environmental dosimeter locations at Radioactive Waste Management Complex (2003).

Table D-8. Environmental dosimeter measurements at the Test Area North (2003).

Location	Exposure ^a
TAN/TSF 1	106 ± 7
TAN/TSF 2	126 ± 9
TAN/TSF 3	105 ± 7
TAN/TSF 4	119 ± 8
TAN/LOFT 1	125 ± 9
TAN/LOFT 2	137 ± 10
TAN/LOFT 3	107 ± 7
TAN/LOFT 4	113 ± 8
TAN/LOFT 5	118 ± 8
TAN/LOFT 6	136 ± 9
TAN/LOFT 7	137 ± 10
TAN/WRRTF1	118 ± 8
TAN/WRRTF2	112 ± 8
TAN/WRRTF3	No data
TAN/WRRTF4	108 ± 8

a. All values are in milliroentgen (mR) plus or minus one standard deviation ($\pm 1s$).

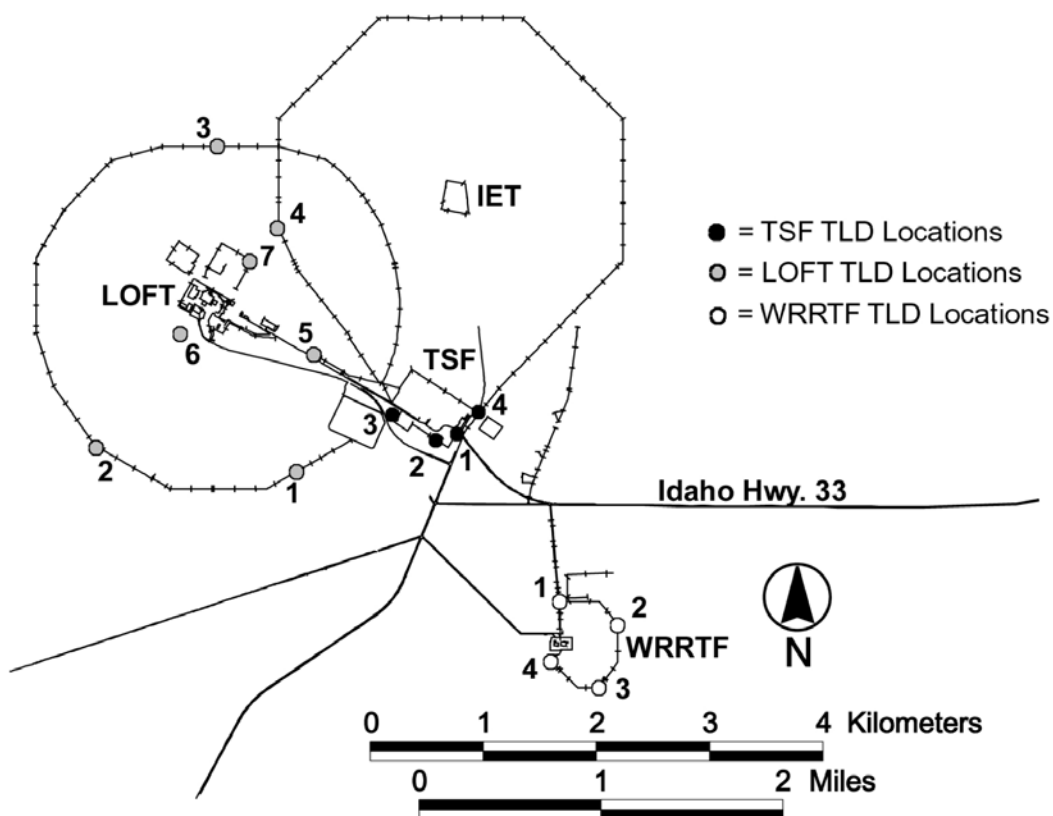


Figure D-8. Environmental dosimeter locations at Test Area North (2003).

Table D-9. Environmental dosimeter measurements at the Test Reactor Area (2003).

Location	Exposure ^a
TRA 1	159 ± 11
TRA 2	348 ± 25
TRA 3	323 ± 23
TRA 4	190 ± 13
TRA 5	156 ± 11
TRA 6	132 ± 9
TRA 7	132 ± 9
TRA 8	152 ± 11
TRA 9	139 ± 10
TRA10	141 ± 10
TRA11	151 ± 10
TRA12	153 ± 11
TRA13	148 ± 10

a. All values are in milliroentgen (mR) plus or minus one standard deviation (± 1s).

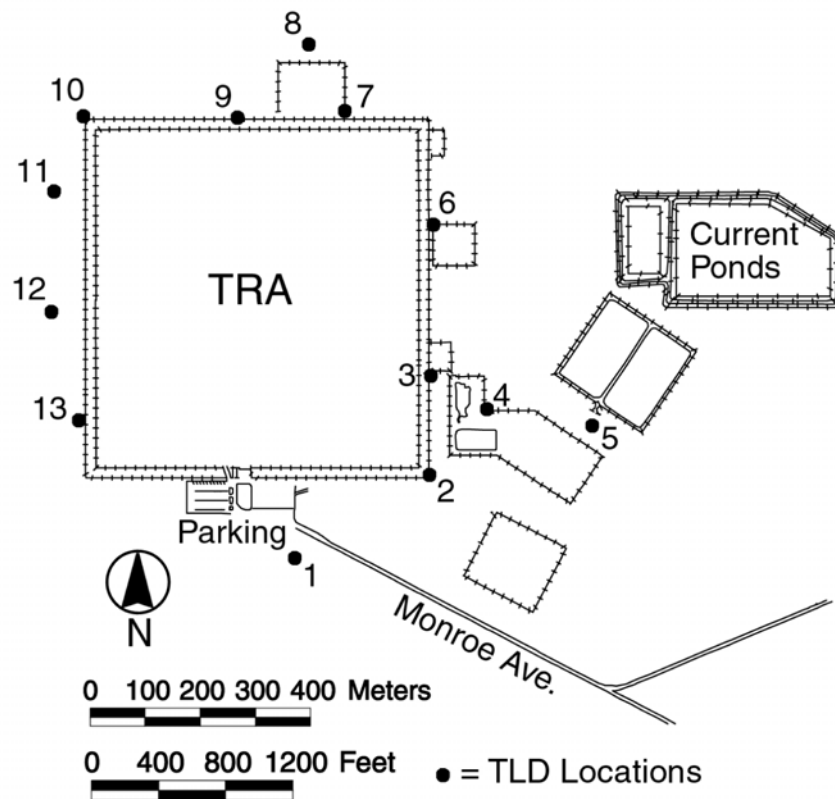


Figure D-9. Environmental dosimeter locations at Test Reactor Area (2003).

Table D-10. Environmental dosimeter measurements along Lincoln Blvd. and US Highway 20 (2003).

Location	Exposure ^a
LINCOLN BLVD 1	127 ± 9
LINCOLN BLVD 3	137 ± 10
LINCOLN BLVD 5	137 ± 10
LINCOLN BLVD 7	132 ± 9
LINCOLN BLVD 9	132 ± 9
LINCOLN BLVD 11	126 ± 9
LINCOLN BLVD 13	133 ± 9
LINCOLN BLVD 15	134 ± 9
LINCOLN BLVD 17	135 ± 9
LINCOLN BLVD 19	124 ± 8
LINCOLN BLVD 21	119 ± 8
LINCOLN BLVD 23	119 ± 8
LINCOLN BLVD 25	121 ± 8
HWY 26-266	127 ± 9
HWY 26-268	125 ± 9
HWY 26-270	124 ± 9
HWY 20-264	120 ± 8
HWY 20-266	112 ± 8
HWY 20-268	121 ± 8
HWY 20-270	123 ± 9
HWY 20-272	112 ± 8
HWY 20-274	103 ± 7
HWY 20-276	119 ± 8
EBR 1	119 ^b

- a. All values are in milliroentgen (mR) plus or minus one standard deviation ($\pm 1s$).
- b. Only spring data were collected. This number was doubled to reflect an annual exposure. No error associated with this exposure was determined.

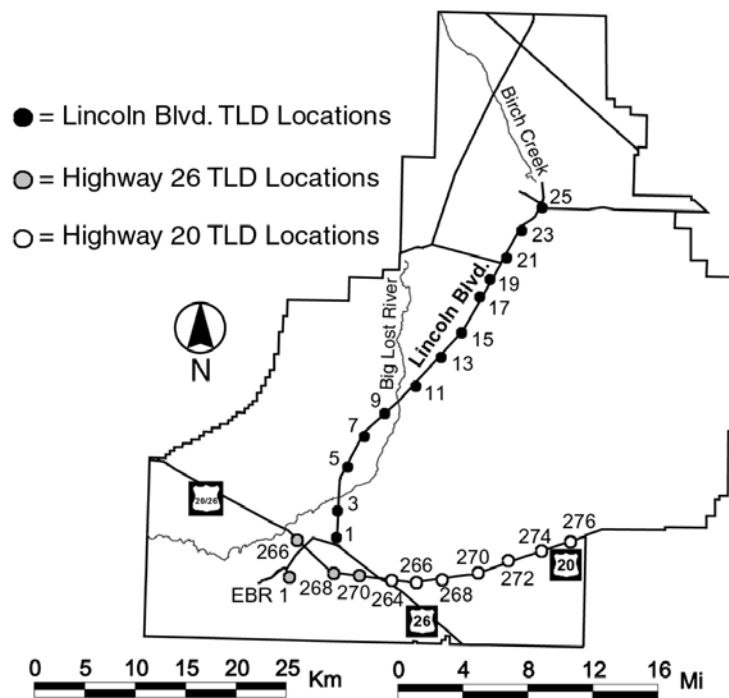


Figure D-10. Environmental dosimeter locations along Lincoln Blvd. and US Highway 20 (2003).